

Title (en)

DECORATIVE SHEET, PROCESS FOR PRODUCING DECORATIVE RESIN MOLDED PRODUCT

Title (de)

ZIERFOLIE, VERFAHREN ZUR HERSTELLUNG EINES DEKORATIVEN KUNSTHARZFORMPRODUKTS

Title (fr)

FEUILLE DÉCORATIVE, PROCÉDÉ DE FABRICATION DE PRODUIT MOULÉ EN RÉSINE DÉCORATIVE

Publication

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Application

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Abstract (en)

The present invention relates to a decorative sheet for insert molding prepared by laminating at least a surface protective layer on a support comprising an ABS resin, wherein the above support has a flexural modulus of 1500 to 3000 MPa; the above support has a thickness of 100 to 500 µm; the above surface protective layer is obtained by cross-linking and curing an ionizing radiation curable resin composition; and the above ionizing radiation curable resin composition has a tensile modulus of more than 100 MPa to less than 1000 MPa which is measured by the following method and a static frictional coefficient of 1.0 or less on a surface and a decorative sheet for insert molding comprising at least a picture layer, a low glossy picture ink layer provided partially and a surface protective layer in this order on a support, wherein the above surface protective layer is present on the low glossy picture ink layer and brought into contact therewith, and it is coated over a whole surface including an area where the above low glossy picture ink layer is formed and an area where the low glossy picture ink layer is not formed; the surface protective layer is obtained by cross-linking and curing an ionizing radiation curable resin composition; and the surface protective layer has a thickness of 1 to 30 µm. Capable of being provided are a decorative sheet which has a high abrasion resistance and a high scratch resistance and is provided with a good moldability and which has a surface protective layer causing no cracks and is provided with a high design property and used for molding a decorated molding, a production process for a decorated resin molding by using the above decorative sheet and a decorated resin molding produced by the above production process.

IPC 8 full level

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